







Crossroads Design for

6.24.00 release

**(AMG – PR 3543)**

* **AMG(PR\_3543)**

Version 1.2

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Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| Version | Date | Release Reason - Description of Changes | Author |
| 1.0 | 04/04/2014 | Initial Version | Gaurav Sharma |
| 1.1 | 04/10/2014 | Updated with updated menu label | Gaurav Sharma |
| 1.2 | 05/01/2014 | Updated that company perms will be inserted in the company\_resource table. | Gaurav Sharma |

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# Introduction

## Purpose

The purpose of this document is to explain the design of PR 5343 - New permissions for the AMG.

## Definitions, Acronyms, and Abbreviations

Table 1; Terminology

| Acronyms and Abbreviations | Description |
| --- | --- |
| GUI | Graphical User Interface |
| CTP | Central Tables Provisioning |
| uid | unique identifier |
| ou | organizational unit (LDAP) |
| MDR | Mobile Data Roaming |

## Correction and Revisions

Please direct comments or suggestions for modification, preferably via email, to:

**Gaurav Sharma**

**813-637-5765**

[gaurav.sharma@syniverse.com](mailto:gaurav.sharma@syniverse.com)

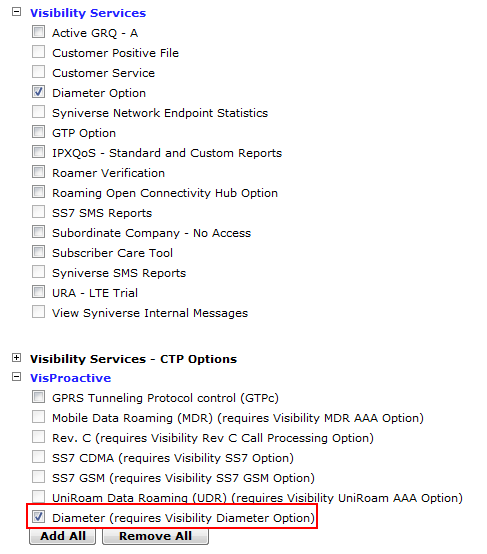
# Software Design

## High Level Design Details – Permission Level

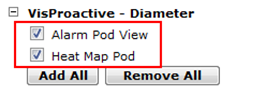
### For Non Syniverse Company

* **Company Permissions:**

**Diameter (requires Visibility Diameter Option)** is enabled only if **Diameter Option** is enabled



* **User Permissions:**

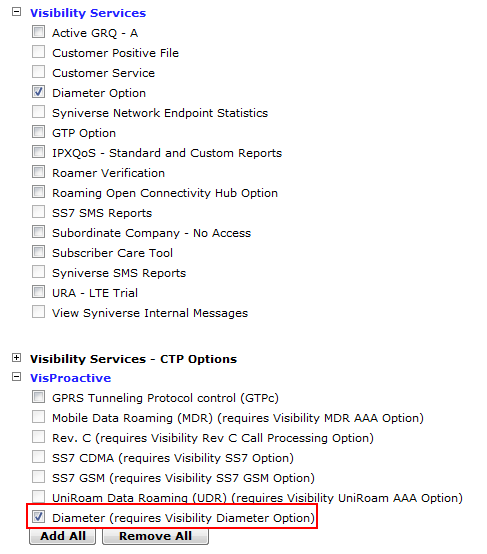


The Non-Syniverse company will get assigned “**VisPro\_Diameter\_cmpyP**” permission in the company\_resource table.

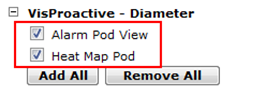
### For Syniverse Company

* **Company Permissions:**

**Diameter (requires Visibility Diameter Option)** is enabled only if **Diameter Option** is enabled

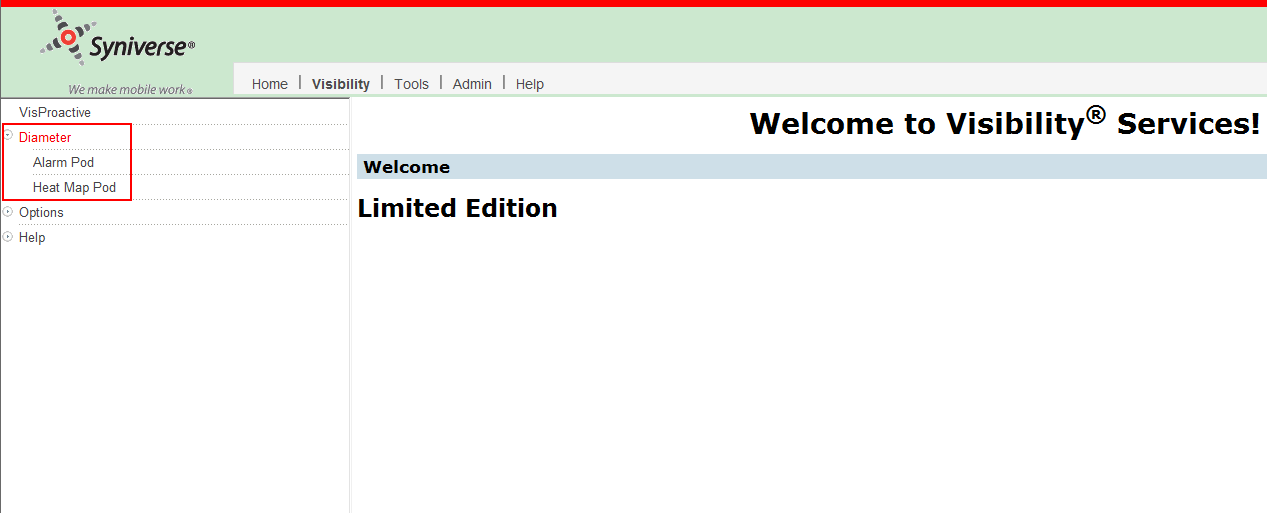


* **User Permissions:**



The Syniverse company will get assigned “**VisPro\_Diameter\_cmpyP**” permission in the company\_resource table.

User’s having user permission “**Alarm Pod View**” and/or “**Heat Map Pod**” under **“VisProactive - Diameter”** will see “Alarm Pod” and/or “Heat Map Pod” link respectively:



## Detailed Permission Level Changes

**New User Permission Group:**

**Permission Group Id:** VisPro\_Diameter\_userP

**Presentation Label:** VisProactive - Diameter

A new Permission Group resource will be added to the RESOURC table with RSRC\_ID: VisPro\_Diameter\_userP

This resource will link to a new presentation entry that will be added to the PRESENTATION table

- The PRSENTATION entry’s PRSNTTN\_ID is VisPro\_Diameter\_userP\_prsn

- The PRSENTATION entry will have label of " VisProactive - Diameter"

The presentation order will be: 02104

This Permission Group will have Presentation label tag :4408

An entry will also be added to the LDAP for this permission group under ou=PermissionGroups, o=Crossroads with attributes as described above

**New Company Permission:**

**Permission Id:** VisPro\_Diameter\_cmpyP

**Presentation Label:** Diameter (requires Visibility Diameter Option)

A new Permission resource will be added to the RESOURC table with RSRC\_ID: VisPro\_Diameter\_cmpyP

This resource will link to a new presentation entry that will be added to the PRESENTATION table

- The PRSENTATION entry’s PRSNTTN\_ID is VisPro\_Diameter\_cmpyP\_prsn

- The PRSENTATION entry will have label of " Diameter (requires Visibility Diameter Option) "

The presentation order will be: 0070

A Product relationship to the product resource, VisPro, will be added to the RSRC\_TO\_RSRC\_REL table for this resource so that the Visibility tab will be displayed for any users that are assigned this permission

A PermissionGroup relationship to the new permissionGroup resource, VisProactive\_Co, will be added to the RSRC\_TO\_RSRC\_REL table for this resource

Two Implied relationships to the permission resource, VisPro\_Co and VisPro\_Vis, will be added to the RSRC\_TO\_RSRC\_REL table for this resource

This Permission will have Presentation label tag :4409

This permission is applicable only for nonadmin company types

The Non-Syniverse company will get assigned this permission in company\_resource table.

An entry will also be added to the LDAP for this permission under ou=PermissionCode, o=Crossroads with attributes as described above

This Permission dependent on Diameter Option. It is enabled only if Diameter Option is enabled

**New User Permission:**

**Permission Id:** VisPro\_Diameter\_Alarm\_Pod\_View\_userP

**Presentation Label:** Alarm Pod View

A new Permission resource will be added to the RESOURC table with RSRC\_ID: VisPro\_Diameter\_Alarm\_Pod\_View\_userP

This resource will link to a new presentation entry that will be added to the PRESENTATION table

- The PRSENTATION entry’s VisPro\_Diameter\_Alarm\_Pod\_View\_userP\_prsn

- The PRSENTATION entry will have label of " Alarm Pod View "

A Copermission relationship the new permission resource, VisPro\_Diameter\_cmpyP will be added to the RSRC\_TO\_RSRC\_REL table for this resource

The presentation order will be: 0010

A Product relationship to the product resource, VisSvc, will be added to the RSRC\_TO\_RSRC\_REL table for this resource so that the Visibility tab will be displayed for any users that are assigned this permission

A PermissionGroup relationship to the new permissionGroup resource, VisPro\_Diameter\_userP, will be added to the RSRC\_TO\_RSRC\_REL table for this resource

Two Implied relationships to the permission resource, VisPro and VisPro\_Vis, will be added to the RSRC\_TO\_RSRC\_REL table for this resource

This Permission will have Presentation label tag :4410

An entry will also be added to the LDAP for this permission under ou=PermissionCode, o=Crossroads with attributes as described above

**New User Permission:**

**Permission Id:** VisPro\_Diameter\_Heat\_Map\_Pod\_View\_userP

**Presentation Label:** Heat Map Pod

A new Permission resource will be added to the RESOURC table with RSRC\_ID: VisPro\_Diameter\_Heat\_Map\_Pod\_View\_userP

This resource will link to a new presentation entry that will be added to the PRESENTATION table

- The PRSENTATION entry’s VisPro\_Diameter\_Heat\_Map\_Pod\_View\_userP\_prsn

- The PRSENTATION entry will have label of "Heat Map Pod"

A Copermission relationship the new permission resource, VisPro\_Diameter\_cmpyP will be added to the RSRC\_TO\_RSRC\_REL table for this resource

The presentation order will be: 0020

A Product relationship to the product resource, VisSvc, will be added to the RSRC\_TO\_RSRC\_REL table for this resource so that the Visibility tab will be displayed for any users that are assigned this permission

A PermissionGroup relationship to the new permissionGroup resource, VisPro\_Diameter\_userP, will be added to the RSRC\_TO\_RSRC\_REL table for this resource

Two Implied relationships to the permission resource, VisPro and VisPro\_Vis, will be added to the RSRC\_TO\_RSRC\_REL table for this resource

This Permission will have Presentation label tag :4411

An entry will also be added to the LDAP for this permission under ou=PermissionCode, o=Crossroads with attributes as described above

**New Menu Item:**

**Id:** AMG\_Analyzer

**Presentation Label:** Analyzer AMG

A new Menu Group resource will be added to the RESOURC table with RSRC\_ID VisPro\_Diameter\_Menu

This resource will link to a new presentation entry that will be added to the PRESENTATION table

- The PRSENTATION entry’s VisPro\_Diameter\_Menu\_prsn

- The PRSENTATION entry will have label of "Diameter"

This menu item is visible on the crossroads application when the logged in user has the **Permission Id:** VisPro\_Diameter\_Alarm\_Pod\_View\_userP and/or VisPro\_Diameter\_Heat\_Map\_Pod\_View\_userP

This menu item will have URL:null

This menu item is placed under the menu group id:MobileData

This menu item is placed under the menu group id:Acc\_Menu\_md

This menu item will have have **ONCLICK/URL** value: **https://${VISPRO\_DIAMETER}/visproGUI/alert/index.html**

An entry will also be added to the LDAP for this menu under ou=PresentationObjects, o=Crossroads with attributes as described above

## DNS entries

These are the new DNS entries required

* VISPRO\_DIAMETER=vis-diameter-portal-dev-alt.syniverse.com[6.xx DEV]
* VISPRO\_DIAMETER=vis-diameter-portal-test-alt.syniverse.com[6.xx TEST]
* VISPRO\_DIAMETER=vis-diameter.syniverse.com[production]
* VISPRO\_DIAMETER=vis-diameter-portal-dev.syniverse.com[7.xx DEV]
* VISPRO\_DIAMETER=vis-diameter-portal-test.syniverse.com[7.xx TEST]

## Grant Perms

No grant Permissions

# Requirements Tracing Matrix

| Traceability Map  Messaging Subject Areas via Analyzer SMS (next gen) Reporting  <http://central.syniverse.com/sites/CUST/pm/PR_3543PMGAnalyzerReporting/Requirements/Forms/AllItems.aspx> | | |
| --- | --- | --- |
| For <Analyzer and PMG/AMG and Crossroads> | | |
| High Level Design | Detail Level Design | System Test Plan |
| <Link to HLD> | <Link to DLD> | <Link to System Test Plan> |

| Requirement  # | Requirement title | Asset/Team | HLD  # | DLD  # | Test  # | Comment |
| --- | --- | --- | --- | --- | --- | --- |
| 3 | FEATURE AND SUPPLEMENTAL REQUIREMENTS |  |  |  |  |  |
| 3.1 | ANALYZER REQUIREMENTS |  |  |  |  |  |
| 3.1.1 | Data from AMG to Analyzer |  |  |  |  |  |
| 3.1.1.1 | AMG Customer Identification |  |  |  |  |  |
| 3.1.2 | Custom Reports |  |  |  |  |  |
| 3.1.3 | Analyzer Spreadsheet |  |  |  |  |  |
| 3.1.4 | Subject Areas |  |  |  |  |  |
| 3.1.5 | Folders |  |  |  |  |  |
| 3.2 | DATA RETENTION REQUIREMENTS |  |  |  |  |  |
| 3.2.1 | Existing AMG Batch Reports |  |  |  |  |  |
| 3.2.2 | Subject Area Data Retention |  |  |  |  |  |
| 3.2.3 | Billing and Refund Area Data Retention |  |  |  |  |  |
| 3.2.4 | Back Populate PMG Archived Billing and Refund Files |  |  |  |  |  |
| 3.3 | CATALOG EXISTING BATCH REPORTS |  |  |  |  |  |
| 3.3.1 | AMG to Create Reports |  |  |  |  |  |
| 3.3.2 | Assign Report IDs |  |  |  |  |  |
| 3.3.3 | Report Filter Selection |  |  |  |  |  |
| 3.4 | CROSSROADS |  |  |  |  |  |
| 3.4.1 | Enable Analyzer AMG into Production Crossroads |  |  |  |  |  |
| 3.4.1.1 | Mobile Data Tab |  |  |  |  |  |
| 3.4.2 | Company Permissions | 2.1/2.2 |  |  |  |  |
| 3.4.2.1 | AMG Operator | 2.1/2.2 |  |  |  |  |
| 3.4.2.1.1 | AMG Operator Analyzer Access |  |  |  |  |  |
| 3.4.2.1.2 | AMG Operator ACCESSibility Access |  |  |  |  |  |
| 3.4.2.2 | AMG Aggregator | 2.1/2.2 |  |  |  |  |
| 3.4.2.2.1 | AMG Aggregator Analyzer Access |  |  |  |  |  |
| 3.4.2.2.2 | AMG Aggregator ACCESSibility Access |  |  |  |  |  |
| 3.4.2.3 | AMG Reseller | 2.1/2.2 |  |  |  |  |
| 3.4.2.3.1 | AMG Reseller Analyzer Access |  |  |  |  |  |
| 3.4.2.3.2 | Multiple Resellers |  |  |  |  |  |
| 3.4.3 | User Permissions | 2.1/2.2 |  |  |  |  |
| 3.4.3.1 | AMG Operator User Permission | 2.1/2.2 |  |  |  |  |
| 3.4.3.1.1 | Operator Analyzer Subject Area Access |  |  |  |  |  |
| 3.4.3.1.2 | Operator ACCESSibility Access |  |  |  |  |  |
| 3.4.3.2 | AMG Aggregator User Permission | 2.1/2.2 |  |  |  |  |
| 3.4.3.2.1 | Aggregator Analyzer Subject Area Access |  |  |  |  |  |
| 3.4.3.2.2 | Aggregator ACCESSibility Access |  |  |  |  |  |
| 3.4.3.3 | AMG Reseller User Permission | 2.1/2.2 |  |  |  |  |
| 3.4.4 | Syniverse Permissions | 2.1/2.2 |  |  |  |  |
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| 3.4.4.2 | User Permission | 2.1/2.2 |  |  |  |  |
| 3.4.5 | Help File |  |  |  |  |  |
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| 3.5.2 | Training |  |  |  |  |  |
| 3.6 | DATA SECURITY |  |  |  |  |  |
| 3.6.1 | Configure MNO/Reseller Relationship (Desired) |  |  |  |  |  |

1. [↑](#footnote-ref-1)